



**MOTOROLA SOLUTIONS**

# State of North Dakota

## SIRN 2020 Status Update

### February 2022





# SIRN 2020 February Status Update



## Phase 1 / Group 2 Status-

- Phase One / Group 2 consist of the following locations (Williston, Cavalier, Bottineau, Dickinson, Central Communications, State Radio Back Up)
  - Deployable Laptop Received- Item postponed until the remote connection strategy is created by the State Network Architects
    - VPN Core setup / Configurations (Continue to Work with the State Team on Design)

## Phase 1 / Group 3 Status-

- Phase One / Group 3 consist of the following locations (Mountrail, MHA Communications Center, Walsh State Communications, Lake Region 911, McKenzie, McLean and Williston UMRRDC-New Airport)
- All PSAP's have been swithed over tho the New SIRN2020 Dispatch Consoles.
  - McClean R56 audit is Scheduled March 2.

## Phase 1 / Group 4 Status-

- Phase One / Group 4 consist of the following locations locations (Trail / Steele 911, Pembina Dispatch Center , Pierce State 911, Rolette State 911 and Mercer / Oliver 911)
- The Project Scedule has been base lined with the State team and will be adjusted based on equipment avaiilibily
  - PSAP cutover Targets- Mercer / Oliver 911 (Apr-2022), Rolette State 911 (Jun-2022), Pembina Dispatch Center(Jul-2022), Pierce State 911 (Sep-2022) Trail / Steele 911(Nov-2022)

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## RF Phase Status (Phase 2, Group 1, 2 and 3)

- Shelter Status for sites targeted for 2021
  - » (12) Shelter Generators have been Ordered to prepare for additional shelter orders
    - (8) Shelters currently on order with Thermo bond
    - (4) Additional Shelters are awaiting state NTP's to complete orders
  - » (25) Additional Shelter help reduce equipment lead time
    - Working with Team to identify other locations to place shelter orders
- Civil Work Update
  - All Civil work has been complete the year 2021. Civil work will be re-started in April- 2022
- MOU /Lease/ Co-Lo Locations in process (Qty 22)
  - Additional Leases in Process-
    - » (22) Sites walks have been completed. Group Status-
      - (9) locations completed
      - (7) locations are in review (tower owner, legal, etc..).
      - (6) additional RF locations have been obtained by the State and planned for the 2022 civil build season

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## RF Phase Status (Phase 2, Group 1, 2 and 3) Cont.

- Early Adopter locations updates-
  - Drive testing Reports has been completed and shared with the team.
    - » City and County Agencies are in process of installing and programming subscribers
  - Grand Forks - Simulcast RF coverage along with Wards Co ASR RF coverage is active (3 locations). Williston- Simulcast RF coverage is active (3 locations), Williams County ASR coverage is active (5 locations) and Minot Simulcast RF coverage is active (2 Locations)
  - Bismarck Simulcast RF coverage is active(4 locations)
    - » Working on completing Secondary Backhaul connections with State team
    - » Planning to perform Site Acceptance Test Plans(ATP) for the Simulcast locations (Qty-4) and surrounding ASR locations (Qty-5)
      - ATP's are targeted for the week of 2/28/22
- (17) Early Adaptor Locations are currently active

- Overall Site Build Status for Mobile Coverage (State NTP received for 82 locations)

Region	Close Out	In Process	Open	QTY of Sites
NE	9	1	7	17
NW	14	3	6	23
SE	3	5	3	11
SW	15	8	8	31
<b>Total</b>	<b>41</b>	<b>17</b>	<b>24</b>	<b>82</b>

- Closeout- Civil Construction complete, Site ATP's and Final Documents.
  - (22) locations have been completed and another (17) are targeted to be completed in Q1
- In Process- Sites with Partial Civil Construction complete
- Open- Sites requiring leases / owner approval, sites requiring build plans and sites with NEPA issues

# SIRN Build Out : NEXT STEPS



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## Phase 2 / Group 1 (State Owned Locations)

- Work with State to help resolve build plan for State locations with possible NEPA issues

## Phase 2 / Group 2 (Early Adopters)

- Work with State team to complete simulcast secondary backhaul connections and fail over testing (Bismark Area is in process)
- Schedule and complete ATP testing for target locations

## Phase Two / Group 3

- Work with Teams to get Lease Exhibit approval to Lock in lease targets
  - Order shelters for the completed lease locations for the 2022 build season
  - RF Freq planning in process and will be sent the RPC for approval before licensing
    - 15 licence applications have been sent to the RPC for approval. Meeting is scheuled for 3/1/22.

## Phase Two / Group 4

- 10 Site walks completed the week of 10/25/21 for locaions purchased and other location in which leases have already been completed from Group 3
  - Create and Approve Lease exhibits to allow the team to order Hardware
  - Order shelters for the completed lease locations for the 2022 build season (shelter lead times have increased from 28 to 43 weeks)
- MSI RF team is in process of adding additional locations to the 2022 build plan that will have a quick lease time (i.e past leases with site owners already completed)
- Planning a CDR for apprx 20 additional RF locations to allow the team to base line this group to place equipment orders and the leasing process

## State Team Core and RF training Planned

- On Site training is scheduled with State teams

## Core Work Planned (Remote Core VPN Connections Needed)-

- Radio Managment- Hosted Service PO has been issued, the team is working on locking locking in on-site resource for equipment configurations.
- State Wide P-25 Audio Logger- Logger proposal has been completed, equipment has been orered. Teams to start planning installation and turn up based on equipment and resource availability